



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/666,282	09/21/2000	Jung-Min Song	P-125	8405

34610 7590 06/21/2004

FLESHNER & KIM, LLP
P.O. BOX 221200
CHANTILLY, VA 20153

EXAMINER

DINH, KHANH Q

ART UNIT

PAPER NUMBER

2151

DATE MAILED: 06/21/2004

12

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/666,282

Applicant(s)

SONG ET AL.

Examiner

Khanh Dinh

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____

DETAILED ACTION

1. This is in response to the amendment filed on 4/2/2004 (paper #11). Claims 1-11 and new claims 12-16 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-6 and 12 are rejected under 35 U.S.C. 102(e) as being anticipated by Reisman US pat. No.6,611,862.

As to claim 1, Reisman discloses a multimedia user profile information structure stored in a computer medium for indexing and browsing a multimedia object (information products including media data) comprising:

search item ordering criteria for searching and browsing the multimedia object (searching for any information of interest of user including information products, see figs.1, 2, abstract, col.7 line 5 to col.8 line 60).

user preference information (product ID, user selections) for each of a plurality of the search item ordering criteria for displaying search items to be browsed in the search item ordering criteria order according to the user preference information (using a search engine to provide information product to user for viewing, see col.8 line 61 to col.10 line 33 and col.14 line 9 to col.15 line 22).

As to claim 2, Reisman discloses the user profile information structure comprising item categories that can be a search item ordering to get each search item ordered according to each plurality of user preference information (using information product, product-specific configurations, user-specific configurations to allow users to search, view and print transport objects) (see fig.3, col.11 lines 5-64, col.24 line 41 to col.25 line 44 and col.34 lines 11-64).

As to claim 3, Reisman discloses the user profile information structure further comprises item ordering criteria in order to determine ordering of the search items accordance with each of said item categories (see figs.9, 11, col.11 line 27 to col.12 line 51 and col.39 line 33 to col.40 line 53).

Art Unit: 2151

As to claims 4 and 5, Reisman discloses criteria categories informing the categories of the search item ordering criteria and preference information determining a preference about the corresponding criterion categories (see col.25 line 46 to col.26 line 62 and col.39 line 33 to col.40 line 53).

As to claim 6, Reisman discloses item categories and the preference information set the user preference information of the user profile information structure about a corresponding search item and the search items are displayed in accordance with the preference of the user profile information structure (see col.14 line 27 to col.15 line 58, col.26 line 32 to col.27 line 63 and col.39 line 33 to col.40 line 53).

As to claim 12, Reisman further discloses a first user preference information display the search items including classifications within at least one search item in a first order and a second user preference information displays the search items including classifications within at least one search item in a second order different from the first order (using classifications of site content, by address or URL, as being indecent, violent, politically incorrect or the like, and password coded setup routine can also be provided enabling a supervisor of the local station to filter out certain categories of content information, see col.49 line 18 to col.50 line 39 and col.51 lines 16-52).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claims 7-11 and 13-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reisman et al., US pat. No.6,611,862 in view of Beck et al., US pat. No.6,138,139.

As to claim 7, Reisman discloses a multimedia search and browsing method using multimedia user profile information structure for indexing and browsing a multimedia object (information products including media data) comprising:

displaying search items in order of user preference (product-specific configurations, user-specific configurations) on the basis of the item criteria according to the user preference by using search item ordering criteria information including the user

Art Unit: 2151

preference information about the item priority criteria and browsing a multimedia search object after searching the multimedia search object using by the search times displayed according to the user preference (using a search engine to provide information product to user for viewing see figs.1, 2, abstract, col.7 line 5 to col.8 line 60 and col.50 line 16 to col.51 line 52).

Reisman does not specifically disclose priority information. However, Beck discloses using priority information in processing transactions in a network (see col.4 lines 36-64 and col.41 lines 1 to col.42 line 50). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Beck's teaching into the computer system of Reisman to process data transactions because it would have allowed users to response intelligently and efficiently to customer's timed queries and problems (see Beck's col.3 lines 45-67 and col.4 lines 35-56).

As to claim 8, Reisman discloses a search item preference information structure for searching and browsing a multimedia (information products including media data) comprising:

search object that is a portion of a multimedia data stream of the multimedia and the search item that is criterion of indexing the multimedia (see figs.1, 2, abstract, col.7 line 5 to col.8 line 60).

connection information that connects search items to search objects and preference criteria information (any information of interest of user including information products) for informing ordering criteria of each search item and a multimedia object

Art Unit: 2151

including the preference information according to each criterion, wherein the search items of a selected multimedia are provided in an ordered arrangement according to the criteria of the multimedia object (see col.9 line 3 to col.10 line 33 and col.14 line 9 to col.15 line 22).

Reisman does not specifically disclose priority information. However, Beck discloses using priority information in processing transactions in a network (see col.4 lines 36-64 and col.41 lines 1 to col.42 line 50). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Beck's teaching into the computer system of Reisman to process data transactions because it would have allowed users to response intelligently and efficiently to customer's timed queries and problems (see Beck's col.3 lines 45-67 and col.4 lines 35-56).

As to claim 9, Reisman discloses item categories including corresponding search items that can be criteria of the search and browsing and a user profile including preference value informing preference about the information of the multimedia object on the each item category (see fig.3, col.24 line 41 to col.25 line 44 and col.34 lines 11-64).

As to claim 10, Reisman discloses the search item preference information structure for searching and browsing the multimedia makes the each search item ordering display according to each user's liking (see col.24 line 41 to col.25 line 44 and col.39 line 33 to col.40 line 53).

Art Unit: 2151

Claim 11 is rejected for the same reasons set forth in claim 8 with the combination of Reisman and Beck. As to the added limitations, Reisman further discloses:

item categories for informing items which can be criteria of the search and browsing, a user profile including preference value informing preference about the ordering information of the multimedia object on the each item category (see col.25 line 46 to col.26 line 67).

selecting the ordering criteria information in order of the preference value of the user profile on the each search item in search and browsing of the multimedia (see col.26 line 45 to col.27 line 55).

displaying the multimedia items by using the ordering criteria information of the user profile and browsing the search object: after searching the search object indicated by the search items displayed according to the user preference (figs. 7, 8, see col.29 line 20 to col.30 line 65).

As to claims 13 and 14, Reisman discloses the multimedia object was returned by a multimedia search and search items including search items categories (categories of content information, see col.49 line 18 to col.50 line 39 and col.51 lines 16-52).

As to claims 15 and 16, Reisman discloses a plurality of search categories and each category including a plurality of search item objects and a plurality of classification items in each category of criteria and a preference value for each classification item (see col.49 line 18 to col.50 line 39 and col.51 lines 16-52).

Response to Arguments

6. Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

7. Claims 1-16 are *rejected*.

8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (703) 308-

Art Unit: 2151

8528. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenton Burgess, can be reached on (703) 305-4792. The fax phone number for this group is (703) 872-9306.

A shortened statutory period for reply is set to expire THREE months from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned (35 U. S C . Sect. 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(A).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305 -9600.



FRANTZ B. JEAN
PRIMARY EXAMINER

Khanh Dinh
Patent Examiner
Art Unit 2151
6/6/2004